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Sent: 6/24/2015 10:09:45 AM
To: Kenneth Roller (Services - 6) [/O=DOMINION/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=Kenne64]
CC: Amelia H Boschen (Services - 6) [/O=DOMINION/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=Amelia2]; Michael A Glagola (Generation - 34) [/O=DOMINION/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=Mic0210]; Jeffrey R Marcell (Generation - 3) [/O=DOMINION/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=Jeff136]; John Klamut [J.Klamut@gaiconsultants.com]; John DeBarbieri [J.DeBarbieri@gaiconsultants.com]
Subject: Revised Sampling Data
Attachments: Pond Closure Quality-Flows-Schedule.docx

Ken:

Attached are the Quality-Flows-Schedule information and the treatment/handling options for the various wastewaters incorporating the lab test results to date.

There are some items to note in the three (3) Pond D surface water samples collected this month:

- TSS levels appear to have been lowered to acceptable levels (i.e., < 30-ppm Outfall 005 limit) since our original May 2015 sample.
- Dissolved selenium levels have increased noticeably since our original May 2015 sample. Dissolved selenium may now be of concern. We have means of polishing this if needed.
- Temperature readings on 2 of the 3 recent Pond D samples exceeded the PWCSA limit (30-deg C). The remaining sample is practically at the limit. We do not anticipate this to be a problem in operation, based upon where the pumps will be drawing water. The samples were taken near a shallow location, where radiant heat elevates the water temperature at the surface.
- The other parameters appear to be in compliance with PWCSA limits.

There are a few items to note for the Low Volume Waste Settling Ponds samples collected this month (north and south ponds/cells):

- The field measurement for pH at the south pond/cell was high.

- pH went up from the north to the south pond/cell.
- The dissolved copper levels were low enough to be undetected. We may be able to blend the LVWP waters with the Oily Wastewater to meet the 5-ug/L limit, depending on the flows.

Please forward as appropriate. Let me know if you have any questions. Thanks.

Sincerely,

Scott C. Quinlan, PE
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